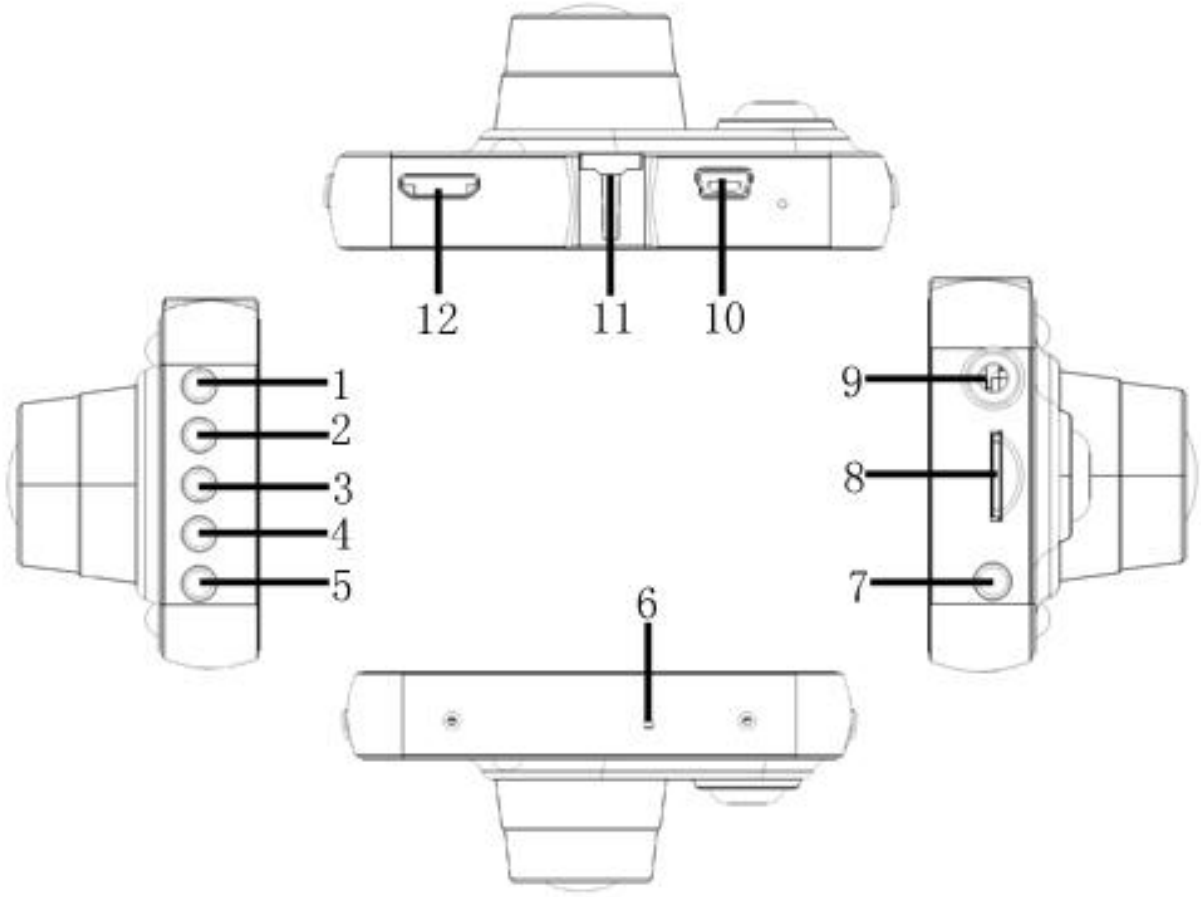
User Manual

Product Introduction

- Product structure



1）UP	2）DOWN	3）MENU
4）Mode	5）OK	6）Reset
7）Power	8）TF Slot	9）AV-OUT
10）USB	11）Bracket Hold	12)HDMI-OUT

Description of Function Keys:

- 1）UP
  In Menu , up to select options;
  Standby or recording mode, digital magnification function
- 2) Down
  In Menu, down to select options;
  Standby or recording mode, digital narrow function
- 3）Menu button
  Short-Press to bring up the feature set menu;
- 4）MODE
  Short Press to switch between each other in the video / camera / playback;
- 5）OK
  Video and take pictures to confirm button, the camera mode, short press this key to start recording again press stop recording; camera mode Short Press to take pictures;
- 6）RESET
  Select to reset
- 7) Power
  Long press to turn device on/off. Short press to turn on/off the night vision led lights；
- 8) TF Slot
  TF Memory Card Slot
- 9）AV-OUT
  Connect with TV.
- 10) USB
  SB data interface, (1) for connecting a PC to transfer data; (2) for connecting an external power supply to charge the battery or supplies power to operate;
- 11）Bracket Mounting Hole
  Connect the car bracket mounting screw holes;
- 12） HDMI-OUT
  HD video output interface

Special Function Description：

- G-sensor

When gravity acceleration up to 6g (1g = 9.80 m / sec ^ 2), the machine will automatically save the current video of the accident, not delete the file;

G-Senser function can be adjusted in Menu 2G-4G-6G-8G, 4G is default.

- SOS

Press button when recording video, the current video file is saved as can not be deleted;

- Automatically turn on/off

When connected with car charger, device will turn on when car start, turn off and save the last video when car power off.

- Seamless video recording, do not leak any second

REC/photo operation specifications

- Power on/off

Long Press to turn on, blue indicator light on.

Long press again to turn off, blue indicator light off.

Note: The device will have a low battery warning and then turn off when battery is very low.

- REC mode

Short press key, switch to recording mode, the upper left corner of the screen displays a VCR icon;

Short press button to start recording, the VCR icon will appear flashing, indicating the video work

- Photo mode

Short press key, switch to camera mode, the upper-left corner of the screen displays the camera icon;

Short press key camera, take pictures of the screen flashes once said camera to complete.

- Video / photo playback

Short press key, switch to playback mode, the upper-left corner of the screen to display the playback icon

Short press key up to select the file;

Short press key down to select the file;

Short press button to play the selected video files;

- Menu setting

  Short press key to enter the menu options;

  Short press or , to select options

  Press to setting options.

- Quit Menu Setting

  Press to quit menu setting.

- Time setting

  Short press twice to enter menu setting, press to select time setting option, then press to enter time setting. Press to set among Y/M/D/H/M/S, adjust number by , press to confirm adjusting.

USB mode

Separate USB cable and computer, press “power on” button, car DVR will automatically show USB menu, there are three modes available :

1. USB-Disk

In this mode we can access video files and photo files

2. PC-Camera

In this mode USB video equipment are shown, can take photo or make video chat

3. REC-Mode

Choose this mode can take video recording when connected to PC

Battery instruction

- Battery indication image:

Full battery

slightly low battery

low battery

battery empty

- There are three methods to charge, the red indicator light up when charging, the entire charging time is about 180 minutes, and the red indicator light automatically off when charging completed.

1. Use power adapter to charge
2. Use PC-USB to charge
3. Use vehicle power to charge

Remark: when appear crash because of improper operation, remove battery or press “reset” button to restart.

● Products specifications

Features	HD Camera, HD Video
Program	Umbrella
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	2..7LTPS (16:9)
Lens	170 degree A + grade high-resolution ultra-wide-angle lens
Language	Russian, Japanese, English, Chinese (simplified), Chinese (Traditional), Korean, etc…
Files format	MOV.
Camera	5 Mega Pixels
Recording video format	H．264, Audio: AAC
Color	standard
Continuous loop video	seamless loop recording, don’t leak second
Automatically power on/off	Support auto ignition boot, turn off shutdown
Motion Detection Function	support
Time synchronization	Support (Y/M/D/H/M)
Carrier media	Built-in memory (total:32MB)
Photo mode	12 Mega
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support
Video format	PAL/NTSC

Current frequency	50HZ/60HZ
USB function	1. USB-Disk 2. PC-Camera 3. REC-Mode
Power interface	5V 800ma
Battery	Built-in 200mAh

Trouble shooting:

- **For problems in normal operating situation ,please try these methods below:**

- **Can't take photo and recording**
  Check the if the TF card has enough space or locked

- **Automatically stop when recording**
  Use the compatible high-speed TF card with SDHC because of big HD video data, the high-speed TF card have identifying of C4 and C6

- **Appear "files error" when replay photo or video**
  Uncompleted files because of TF card storage error, please use formatting function to format your TF card

- **Unclear video**
  Checks if there are any dirt or fingerprint; and use lens paper to clear the camera lens.

- **Black image when recording sky or water scene**
  Scenes with big contrast will influence the automatic exposure function of camera; you can adjust "EV in setting mode to correct.

- **Color is not perfect in cloudy day and outdoor light**
  Set the "white balance" function to automatic

- **cross stripe interference in image**
  Because of wrong "light frequency", please set it to 50Hz or 60Hz according to the local power supply frequency

- **Crash**

  Restart by pressing shortly on" RESET" after crash